(a) each of the local exchange, or mobile switching centre, and the cell site switches incorporates a data base;

(b) the connection between the local exchange, or mobile switching centre, and the plurality of cell site switches is in the form of a common bus to which each of the local exchange, or mobile switching centre, and the plurality of cell site switches is directly connected; and

(c) the connection between each cell site switch and its cluster of base station transceivers is in the form of a common bus to which the pertaining cell site switch and base station transceivers are directly connected;

whereby the network forms a hierarchial system in which the bus enables localisation of signalling to specific buses thereby reducing the signalling load in the local exchange, or mobile switching centre and, in each cluster the specific bus provides a fast signalling path which enables resources to be allocated between the base station transceivers as required to maintain a desired quality of service.

8. (New) A mobile communications network as claimed in Claim 7, wherein the common bus interconnecting each cell site switch and the respective cluster is a generic transmission medium.

9. (New) A mobile communications network as claimed in Claim 8, wherein the generic transmission medium is a local area network.

10. (New) A mobile communications network as claimed in Claim 7, wherein the common bus interconnecting the cell site switches and the local exchange, or mobile switching centre, is a generic transmission medium.

11. (New) A mobile communications network as claimed in Claim 10, wherein the common bus is a distributed queue dual bus network.